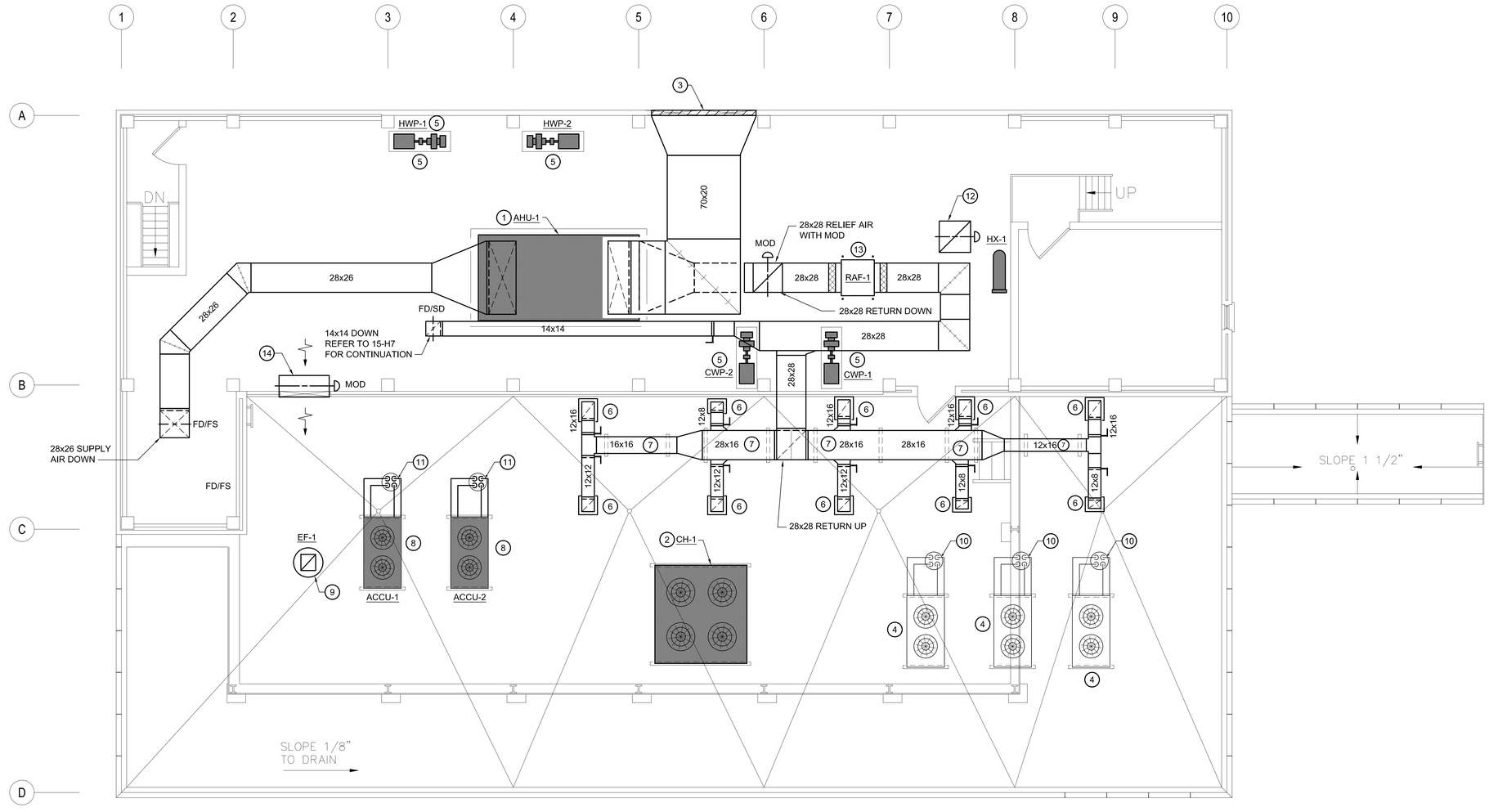


## 1 / 15-H9 ROOF & MECHANICAL ROOM PLAN - DUCTWORK - NEW WORK

SCALE: 1/4" = 1'-0"

N

### GENERAL NOTES:

1. REFER TO 15-H1 FOR MECHANICAL LEGEND, ABBREVIATIONS AND GENERAL NOTES.

### DRAWING NOTES:

1. AIR HANDLING UNIT MOUNTED ON 6" CONCRETE PAD.
2. AIR COOLED CHILLER MOUNTED 24" ABOVE ROOF ON STEEL DUNNAGE. REFER TO 15-H12 FOR ADDITIONAL INFORMATION.
3. 96x48 OUTSIDE AIR LOUVER MOUNTED IN EXISTING WALL. REUSE EXISTING OPENING AND BLANK OFF ANY UNUSED AREA WITH A 2" THICK INSULATED PANEL.
4. EXISTING DATA ROOM REMOTE CONDENSING UNIT MOUNTED ON ROOF.
5. BASE MOUNTED END SUCTION PUMP MOUNTED ON INERTIA BASE. REFER TO DETAIL 5/15-H13.
6. RETURN AIR DUCT DOWN THRU ROOF.
7. ROOFTOP DUCTWORK MOUNTED 18" ABOVE ROOF ON EQUIPMENT SUPPORTS.
8. NEW DATA ROOM CONDENSING UNIT MOUNTED ON EQUIPMENT SUPPORTS ON ROOF.
9. EF-1 MOUNTED ON ROOF CURB. TRANSITION 12x8 EXHAUST FROM BELOW TO 12x12 EXHAUST.
10. EXISTING REFRIGERANT PIPING DOWN THRU PIPE PENETRATION CURB.
11. REFRIGERANT PIPING DOWN THRU NEW PIPE PENETRATION CURB.
12. 30x30 UP TO ROOFTOP RELIEF HOOD.
13. RAF-1 SUSPENDED FROM STRUCTURE WITH VIBRATION ISOLATORS.
14. RELIEF AIR LOUVER MOUNTED HIGH IN WALL WITH MOTOR OPERATED DAMPER.

| Additions: | Date: |
|---|---|
| | |
| Revisions: | |

Consultants

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Drawing Scale:

Drawing Start Date:

Drawing Finish Date:

Drawing Approved:

Drawing Title: ROOF & MECHANICAL ROOM PLAN DUCTWORK-NEW WORK

Approved: Associate Director for Operations:

Approved: Chief, Facilites Engineer:

Approved: Director, Medical Center:

Project Title: BUILDING 15 RENOVATION

Building No: 15

Checked: JDS

Drawn: CCH

Location: VAMHCS MEDICAL CENTER WILMINGTON, DELAWARE

Date: 12-19-2012

Project No: xxx-10-xxx

DRAWING NO: 15-H9

Dwg. – Of xx

DEPARTMENT OF VETERANS AFFAIRS

BKM# 070360.060